Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at http://about.jstor.org/participate-jstor/individuals/early-journal-content.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

VOLUME XXIII JUNE, 1916 NUMBER 6

THE AMERICAN MATHEMATICAL MONTHLY

OFFICIAL JOURNAL OF

THE MATHEMATICAL ASSOCIATION OF AMERICA

DEVOTED TO THE INTERESTS OF COLLEGIATE MATHEMATICS

EDITED BY

H. E. SLAUGHT W. H. BUSSEY R. D. CARMICHAEL

WITH THE COÖPERATION OF

R. P. BAKER	W. C. BRENKE	A. COHEN
B. F. FINKEL	L. C. KARPINSKI	G. H. LING
HELEN A. MERRILL	U. G. MITCHELL	W. H. ROEVER
D. A. ROTHROCK	C. S. SLICHTER	D. E. SMITH

PUBLISHED BY THE ASSOCIATION

THE AMERICAN MATHEMATICAL MONTHLY, FOUNDED IN 1894 BY BENJAMIN F. FINKEL, WAS PUBLISHED BY HIM UNTIL 1912. FROM 1912 TO 1916 IT WAS OWNED AND PUBLISHED BY REPRESENTATIVES OF FOURTEEN UNIVERSITIES AND COLLEGES IN THE MIDDLE WEST

ISSUED MONTHLY EXCEPT IN JULY AND AUGUST

LANCASTER, PA., AND CHICAGO

Entered at the Post Office at Lancaster, Pa., as Second Class Matter

CONTENTS

First Annual Meeting of the Ohio Section. By G. N. ARMSTRONG..... 189

Pascal Equations and Some Consequences. By R. D. BOHANON..... 194

A Simplified Proof of the Distributive Law of Multiplication given in Hilbert's "The Foundations of Geometry." By W. E. ROTH..... 202

The Derivative of the Logarithm. By M. B. PORTER..... 204

NEW BOOKS AND BOOK REVIEWS..... 206

PROBLEMS AND SOLUTIONS..... 209

QUESTIONS AND DISCUSSIONS..... 221

OFFICIAL ANNOUNCEMENTS OF THE COUNCIL..... 225

THE SUMMER MEETING OF THE ASSOCIATION..... 227

NOTES AND NEWS..... 228

EDITORIAL CORRESPONDENCE should be addressed to the MANAGING EDITOR, H. E. SLAUGHT, 5548 Kenwood Avenue, Chicago, Ill.

BUSINESS CORRESPONDENCE should be addressed to the SECRETARY-TREASURER of the ASSOCIATION, W. D. CAIRNS, 55 East Lorain Street, Oberlin, Ohio.

Goursat's Course in Mathematical Analysis

Authorized translation by E. R. HEDRICK and OTTO DUNKEL, University of Missouri.

Vol. 1—548 pages, with diagrams, $4.00.

Vol. II—Part I. Now Ready.
Theory of Functions of a Complex Variable. 259 pages, with diagrams, $2.75.

Vol. II like Vol. I has long been favorably known in its French form. The present accurate translation now reproduces the original clarity of style, wealth of material, and thorough presentation.

GINN AND COMPANY

Boston Atlanta New York Dallas Chicago Columbus London San Francisco